



PATENT #5

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IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANTS: Pawan Goyal
APPLICATION NO.: 09/503,975
FILING DATE: February 14, 2000
TITLE: Restricting Communication of Selected Processes to a Set of Specific Network Addresses
EXAMINER: Not yet known
GROUP ART UNIT: 2131
ATTY. DKT. NO.: 21816-04464

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated: 5/20/02By: Jeffrey Brill

Jeffrey Brill, Reg. No.: 51,198

COMMISSIONER FOR PATENTS
WASHINGTON, DC. 20231

INFORMATION DISCLOSURE STATEMENT**Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. A copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).

The Information Disclosure Statement submitted herewith is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first official action on the merits, whichever event last occurred; OR
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either:
- (1) a final action under 37 CFR § 1.113; OR
- (2) a notice of allowance under 37 CFR § 1.311; AND
- ☐ attached hereto is the fee of \$180, as set forth under 37 CFR § 1.17(p), for submission of this Information Disclosure Statement under 37 CFR § 1.97(c); OR
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
- OR
- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either:

- [1] a final action under 37 CFR § 1.113; OR
- [2] a notice of allowance under 37 CFR § 1.311; AND
- in accordance with the requirements of 37 CFR § 1.97(d):
- ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
- ☐ Applicant hereby respectfully petitions for the consideration of the accompanying Information Disclosure Statement under 37 CFR § 1.97(d)(2); AND
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

☒ Applicant submits that no fee is required for the consideration of the accompanying Information Disclosure Statement.

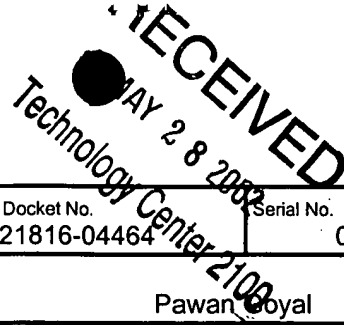
Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
PAWAN GOYAL

Dated: 5/20/02

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FORM PTO-1449
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAttorney's Docket No.
21816-04464Serial No.
09/503,975**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant

Pawan Goyal

Filing Date

February 14, 2000

Group Art Unit

2131

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	US 6,192,389 B1	02/20/01	Ault et al.	709	101	03/28/97
	B	US 6,192,512 B1	02/20/01	Chess	717	5	09/24/98
	C	6,167,520	12/26/00	Touboul	713	200	01/29/97
	D	6,108,759	08/22/00	Orcutt et al.	711	173	09/17/97
	E	6,065,118	05/16/00	Bull et al.	713	200	09/24/96
	F	6,023,721	02/08/00	Cummings	709	201	05/14/97
	G	5,956,481	09/21/99	Walsh et al.	395	186	
	H	5,937,159	08/10/99	Meyers et al.	395	187.01	
	I	5,918,018	06/29/99	Gooderum et al.	395	200.55	
	J	5,915,085	06/22/99	Koved	395	186	
	K	5,913,024	06/15/99	Green et al.	395	186	
	L	5,845,129	12/01/98	Wendorf et al.	395	726	
	M	5,842,002	11/24/98	Schnurer et al.	395	500	
	N	5,838,916	11/17/98	Domenikos et al.	395	200.49	
	O	5,828,893	10/27/98	Weid et al.	395	800	
	P	5,809,527	09/15/98	Cooper et al.	711	133	
	Q	5,781,550	07/14/98	Templin et al.	370	401	
	R	5,761,477	06/02/98	Wahbe et al.	395	406 A	
	S	5,706,097	01/06/98	Schelling et al.	358	296	
	T	5,692,047	11/25/97	McManis	380	4	
	U	5,636,371	06/03/97	Yu	395	500	
	V	5,603,020	2/11/97	Hashimoto et al.	395	616	
	W	5,263,147	11/16/93	Francisco et al.	395	425	
	X	4,177,510	12/04/79	Appell et al.	364	200	
	Y	3,377,624	04/09/68	R. A. Nelson et al.			



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Sheet 2 of 2

FORM PTO-1449 (REV. 6-89) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 21816-0446	Serial No. 09/503,975
		Applicant Pawan Goyal	
		Filing Date February 14, 2000	Group Art Unit 2131

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Z	Boehm, B., "Managing Software Productivity and Reuse," IEEE Computer, Volume 32, Number 9, September 1999, 3 pages
AA	Corbato, F. J. et al. "An Experimental Timesharing System," Proceedings of the American Federation Of Information Processing Societies Spring Joint Computer Conference, San Francisco, CA, May 1-3, 1962, pp 335-344
BB	Deutsch, P. and Grant, C.A., "A Flexible Measurement Tool for Software Systems," Information Processing 71 (Proc. of the IFIP Congress), 1971, pp. 320-326
CC	Edjlali, G., et al., "History-based Access Control for Mobile Code," Fifth ACM Conference on Computer and Communication Security, November 3-5, 1998, 19 pages
DD	Erlingsson, U. and Schneider, F. B., "SASI Enforcement of Security Policies: A Retrospective," Proc. New Security Paradigms Workshop, April 2, 1999, pp 1-17
EE	Evans, D. and Twyman, A., "Flexible Policy-Directed Code Safety," Proc. of 1999 IEEE Symposium on Security and Privacy, Oakland, CA, May 9-12, 1999, pages 1-14
FF	Fraser, T. et al., "Hardening COTS Software with Generic Software Wrappers," Proc. of 1999 IEEE Symposium on Security and Privacy, 1999, 15 pages
GG	Goldberg, I. et al., "A Secure Environment For Untrusted Helper Applications (Confining the Wily Hacker)," Proc. of the Sixth USENIX UNIX Security Symposium, San Jose, CA, July 1996, 14 pages
HH	Goldberg, R. P., "Survey of Virtual Machine Research," IEEE Computer, June 1974, pp 34-45
II	Pandey, R. and Hashii, B., "Providing Fine-Grained Access Control For Mobile Programs Through Binary Editing," Technical Report TR98 08, University of California, Davis, CA, 1998, pp 1-22
JJ	Ritchie, D. M., "The Evolution of the Unix Time-Sharing System," AT&T Bell Laboratories Technical Journal 63, No. 6, Part 2, October 1984, (originally presented 1979), 11 pages
KK	Saltzer, J., H. and Schroeder, M. D., The Protection of Information in Computer Systems, [online], 1973, [retrieved on 04/02/2002]. Retrieved from the Internet: <URL: http://www.cs.virginia.edu~evans/cs551/saltzer/ >
LL	Wahbe, R., et al., "Efficient Software-Based Fault Isolation," Proc. of the Symposium on Operating System Principles, 1993, 14 pages

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	